

# Workshop on Two-particle Interferometry and Elliptic Flow at RHIC

**DAY 1. Friday, June 14, 2002 Hamilton Seminar Room, Chemistry Building**

**9:00-9:10** Welcome by **Tom Kirk** (to be confirmed)

1. **9:10-9:35 J.H. Lee** – “HBT: BRAHMS results”
2. **9:35-10:05 Selemon Bekele** – “STAR identical particle correlations”
3. **10:05-10:30 Piotr Szarwas** – “STAR non-identical particle correlations”
4. **10:30-10:55 Marguerite Belt Tonjes** – “Balance Functions at RHIC.”

**10:55-11:10** Coffee Break

5. **11:10-11:30 Dave Brown** – “Full three-dimensional imaging analysis of two-pion correlations, without Coulomb corrections.”
6. **11:30-11:55 Zi Wei Lin** – “Partonic effects on meson interferometry at RHIC”
7. **11:55-12:15 Adrian Dumitru** – “Do temperature perturbations and dissipation affect HBT radii?”
8. **12:15-12:40 Derek Teaney** – “Viscosity and flow”

**12:35-2:00** Lunch

9. **2:00-2:25 Randy Wells** – “Azimuthally-sensitive  $\pi$  interferometry in STAR”
10. **2:25-2:50 Urs Wiedemann** – “Non-central HBT: what do we know - what could we know?”
11. **2:50-3:15 Peter Kolb** – “Anisotropic flow and HBT from hydrodynamics.”
12. **3:15-3:40 Denes Molnar** – “The dual nature of  $R_{out} \sim R_{side} \sim R_{long}$  and  $v_2$  saturation at RHIC.”

**3:40-3:55** Coffee Break

13. **3:55-4:20 Tamas Csorgo** – “Bose-Einstein correlations for new analytic solutions of fireball hydrodynamics with ellipsoidal symmetry.”
14. **4:20-4:35 Andras Ster** – ‘The Source of the Bang in the PHENIX and STAR data at RHIC.’
15. **4:35-5:00 Sven Soff** – “Do we understand the two-particle correlation measurements at RHIC?”
16. **5:00-5:25 Dirk Rischke** – “What does the HBT null result at RHIC teach us?”

**6:00 –8:00** Reception at Brookhaven Center

**DAY 2. Saturday, June 15, 2002 Hamilton Seminar Room, Chemistry Building**

1. **9:00-9:25 Aihong Tang** – “Elliptic flow: Star results.”
2. **9:25-9:45 Kirill Filimonov** – “Elliptic flow at high Pt.”
3. **9:45-10:05 Jinghua Fu** – “Mid-rapidity  $K_s$  and Lambda anisotropy parameters from Au+Au collisions at RHIC.”
4. **10:05-10:30 Inkyu Park** “V2: PHOBOS results.”

**10:30-10:45** Coffee Break

5. **10:45-11:10 Tetsufumi Hirano** – “Elliptic flow and HBT radii from a relativistic hydrodynamic model with early chemical freeze out.”
6. **11:10-11:35 Yuri Kovchegov** – “Contribution to Elliptic Flow from Particle Production in a Saturation Model.”
7. **11:35-12:00 Tom Humanic** – “Comparison of hadronic rescattering calculations of elliptic flow and HBT with measurements from RHIC.”

**12:00-2:00** Lunch

8. **2:00-2:25 Pavel Danielewicz** – “Hadronic Transport Model with a Phase Transition.”
9. **2:25-2:50 Steffen Bass** – “ $v_2$  from VNI/BMS.”
10. **2:50-3:15 Edward Shuryak** – “Event-by-event fluctuations of the radial and elliptic flow.”

**3:15-3:35** Coffee Break

11. **3:35-4:00 Fabrice Retiere** – “Collision timescales at RHIC”
12. **4:00-4:25 Scott Pratt** – “HBT Summary talk.”
13. **4:25-4:50 Raimond Snellings** – “Elliptic flow summary talk.”
14. **4:50-5:00** Conclusions. Farewell